

PROJECT SUMMARY

SNC Reference Number 080165

County: Plumas

Applicant: Plumas Corp/Feather River Coordinated Resource Management

Project Title: Feather River Watershed Stewardship and Education

PROJECT GOAL

The purpose of the **Feather River Watershed Stewardship and Education** project is to increase Plumas County residents' and visitors' capacity to make informed decisions about water quality and related watershed issues.

Goal 1: Foster active stewardship of the Upper Feather River Watershed among K-12 students, community members and visitors through events and activities.

Goal 2: Provide educational materials and publications for students, educators, community members and visitors to learn about watershed processes, water resources, water quality, and restoration efforts.

PROJECT SCOPE

The proposed project, **Feather River Watershed Stewardship and Education**, is seeking support from the Sierra Nevada Conservancy for a suite of watershed education programs that include the following:

K-12 Education Coordination:

1. "Plumas to Pacific" 5-day field trip for 6th graders
2. "The Watercourse" monthly backyard field trips and activities
3. "Plumas to Pacific" and "The Watercourse" curriculum documentation
4. Coordination of regional stewardship education efforts through WATERS committee
5. Facilitation of "Trout in the Classroom" teacher trainings
6. Program presentations to other regions for transfer of information

Community Outreach Coordination:

7. Water quality brochure series
8. Watershed Discovery Days
9. Watershed presentations and activities at school and community events
10. Watershed stewardship web page for regional activities
11. Action plan for future river education center
12. Promotion of Watershed Awareness Campaign

The above deliverables will be completed utilizing SNC funding. Additional deliverables funded by other sources but part of the FRCRM's larger watershed stewardship effort include:

1. Local Natural Resource Teaching Guides
2. Natural Resource Outings for Teachers
3. Regional Student Stewardship Fair
4. Natural Resource Education Kits for primary grades
5. Storm Drain Stenciling Projects for Communities
6. Community Creek Stewardship Days
7. Citizen Water Monitoring of restoration sites and watershed conditions

The key partners for this project include Plumas Unified School District (PUSD), UC Cooperative Extension, Feather River College's (FRC) Recreation Department, Feather River Land Trust, and Trout Unlimited. PUSD will contribute teachers, students, and office space. Cooperative Extension will review water quality-related publications. FRC's Recreation Department (Adventures in Learning) will provide leadership for "The Watercourse's" rafting day trips. The Feather River Land Trust's Learning Landscapes Initiative is working to secure accessible outdoor places near every school in Plumas County, including areas used by "The Watercourse". Trout Unlimited provides the "Trout in the Classroom" eggs, financial and some assistance to teachers while we provide the training facilitation and ongoing teacher support.

We have included matching funds from the following sources to support this proposal. PUSD will contribute \$30,000 (in-kind) for office space and teacher time. FRC's Recreation Program will contribute \$7,000 (in-kind) match for river outings. The FR-CRM will contribute \$15,000 from the Department of Conservation's Watershed Coordination grant and \$10,000 in Secure Rural Schools (Title II) grant funds as well as donating \$3,000 worth of watershed maps.

This watershed stewardship and education project has the following desired outcomes:

1. Improved water quality and decreased erosion through garbage removal and willow planting along stream banks
2. Increased knowledge of what constitutes a healthy watershed by studying the Feather River from its source to the Pacific Ocean
3. Cultivating a sense of place and pride for national forests and working landscapes
4. Fostering enjoyment of public lands through interpretive and recreational activities that promote conservation of natural, cultural, and historical resources
5. Increasing the numbers of opportunities available for visitors and residents for interpretive watershed activities such as hikes, canoe outings, creek walks and more.

LETTERS OF SUPPORT

Plumas Unified School District (Kest Porter, Curriculum Director), UC Cooperative Extension (Holly George, Natural Resources Advisor), Alan Morrison (PUSD 6th Grade Teacher)

SNC PROJECT DELIVERABLES AND SCHEDULE

DETAILED PROJECT DELIVERABLES	TIMELINE
1. "Plumas to Pacific" 5-day field trip for 6th graders	May-June in 2009, 2010, 2011
2. "The Watercourse" monthly backyard field trips and activities	Monthly Oct.-April in 2009, 2010, 2011
3. "Plumas to Pacific" and "The Watercourse" curriculum documentation	March 2010
4. Coordination of regional stewardship education efforts thru WATERS	Quarterly thru December 2011
5. Facilitation of "Trout in the Classroom" teacher trainings	Feb-May 2009, 2010, 2011
6. Program presentations to other regions	1 each in 2009, 2010, 2011
7. Water Quality Brochure Series- 3	July 2010
8. Watershed Discovery Days- 9	3 each in 2009, 2010, 2011
9. Watershed presentations/activities at school/community events- 12	4 each in 2009, 2010, 2011
10. Watershed stewardship web page for regional activities	December 2009
11. Action plan for future river education center	February 2011
12. Watershed awareness campaign promotional products	April 2009

SNC PROJECT COSTS

	Year 1	Year 2	Year 3	TOTAL SNC FUNDING REQUEST (3 Yrs)
PROJECT BUDGET CATEGORIES				
Community Outreach Coordination				76,480
Subcontractor (576 hrs/yr @ \$35/hr)	20,160	20,160	20,160	
Travel	700	700	700	
Materials & Supplies (includes advertising, printing, ed. materials)	2,300	2,300	2,300	
Web Development & Maintenance	5,000	1,000	1,000	
Community Outreach Subtotal	28,160	24,160	24,160	
K-12 Regional Watershed Education Coordination				175,200
Subcontractor (1040 hrs/yr @ \$35/hr)	36,400	36,400	36,400	
Bus transportation, facility/user fees for Plumas to Pacific 5-day field trip	20,000	20,000	20,000	
Travel	1000	1000	1000	
Materials & Supplies	1000	1000	1000	
K-12 Coordination Subtotal	58,400	58,400	58,400	
SNC GRANT SUBTOTAL	86,560	82,560	82,560	251,680
Admin./Overhead at 15%	12,984	12,384	12,384	37,752
SNC GRANT TOTAL	\$99,544	\$94,944	\$94,944	\$289,432